

# Specifications

## Eaton EP-401611

Eaton Moeller® series M22 Light guide for SMD LED



### General specifications

|                             |                               |
|-----------------------------|-------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series M22 LED |
| <b>CATALOG NUMBER</b>       | EP-401611                     |
| <b>MODEL CODE</b>           | M22-XLP                       |
| <b>EAN</b>                  | 4015082971731                 |
| <b>PRODUCT LENGTH/DEPTH</b> | 30.1 mm                       |
| <b>PRODUCT HEIGHT</b>       | 9 mm                          |
| <b>PRODUCT WIDTH</b>        | 15.1 mm                       |
| <b>PRODUCT WEIGHT</b>       | 0.0008 kg                     |
| <b>CERTIFICATIONS</b>       | RoHS<br>REACH                 |

## Climatic environmental conditions

|                                        |       |
|----------------------------------------|-------|
| AMBIENT OPERATING<br>TEMPERATURE - MAX | 70 °C |
|----------------------------------------|-------|

|                                      |       |
|--------------------------------------|-------|
| AMBIENT STORAGE<br>TEMPERATURE - MAX | 80 °C |
|--------------------------------------|-------|

|                                        |        |
|----------------------------------------|--------|
| AMBIENT OPERATING<br>TEMPERATURE - MIN | -25 °C |
|----------------------------------------|--------|

|                                      |        |
|--------------------------------------|--------|
| AMBIENT STORAGE<br>TEMPERATURE - MIN | -40 °C |
|--------------------------------------|--------|

## Communication

|                               |    |
|-------------------------------|----|
| CONNECTION TO<br>SMARTWIRE-DT | No |
|-------------------------------|----|

## Design verification

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                                                       |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                                                                                       |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                                                       |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                                                       |
| <b>10.5 PROTECTION</b>                                                                  | Does not apply, since the                                                                                                        |

## General information

|                                  |                         |
|----------------------------------|-------------------------|
| <b>ACCESSORY/SPARE PART TYPE</b> | Accessory               |
| <b>TYPE</b>                      | Light guide for SMD LED |

|                                                                 |                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>AGAINST ELECTRIC SHOCK</b>                                   | entire switchgear needs to be evaluated.                           |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.                             |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.                             |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.                             |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                             |

## Resources

|                           |                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CATALOGUES                | <a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>                                                                                        |
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-rmq-on-pcb-il047033zu.pdf</a>                                                                                                                                                 |
| MCAD MODEL                | <a href="#">eaton-pushbutton-and-switch-renewal-parts-accessory-mcad-drawings-m22-xlp.dwg</a><br><a href="#">eaton-pushbutton-and-switch-renewal-parts-accessory-mcad-3d-models-m22-xlp.stp</a> |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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